

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA
AND RECORD OF ACTION**

JULY 1, 2003

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FROM: **G. DANIEL OJEDA**, Director
Architecture & Engineering Department

GARY PENROD, Sheriff
Sheriff Department

**SUBJECT: SOIL VAPOR EXTRACTION SYSTEM AT FONTANA SHERIFF'S SUBSTATION –
APPROVE CHANGE ORDER**

RECOMMENDATION: Approve Change Order No. 2 to Contract No. 02-724 with Geo-Cal Inc. of San Bernardino for \$16,864 bringing total contract amount to \$87,380 for the Soil Vapor Extraction Pilot Test/ Remediation at Fontana Sheriff's Substation. (Four votes required)

BACKGROUND INFORMATION: The Environmental Protection Agency (EPA) and State Water Resources Control Board (SWRCB) mandated that all single-walled underground fuel storage tanks be removed by December of 1999. This mandate was imposed due to the problem of leakage and contamination associated with single-walled tanks.

The Fontana Sheriff's Substation was one of the County facilities that had an existing underground single-walled fuel tank that needed to be removed. Upon its removal, contaminated soils were encountered. A work plan was developed, describing the process necessary to evaluate the degree and range of the contamination. The plan was submitted to and approved by the County Fire/Hazardous Material Division (HAZMAT). Field investigations were then performed to evaluate the extent of the contamination. However, upon completion of the initial field investigation, it was determined by HAZMAT that additional field investigation and soil sampling would be required to further evaluate the range and extent of the contamination. A subsequent work plan was prepared for HAZMAT's approval. After completion of the soil contamination assessment and HAZMAT's review, it was determined that a soil vapor extraction remediation system be installed to mitigate the soil contamination.

On July 9, 2002, the Board approved a contract with Geo-Cal, Inc. of San Bernardino, to perform the Soil Vapor Extraction at the Fontana Sheriff's Substation, at a total cost of \$66,716 based on estimated unit priced quantities. Upon their completion of the remedial work, in which contaminant concentrations were reduced to below the regulatory threshold, the contractor submitted a remediation status report to HAZMAT for its review and evaluation. HAZMAT determined that two borings are required to confirm that the remedial action was successful. This contract uses unit pricing that allows the increase of specific item quantities to complete this additional work.

This change order will provide the two borings mandated by HAZMAT. Upon analysis of the required borings, HAZMAT will determine if additional remediation action is required.

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The following table provides change orders to date:

CHANGE ORDER	DATE	DESCRIPTION	AMOUNT
	7/9/02	Original Contract	\$66,716
1	5/15/03	Modify the Bid Documents work plan \$3,800.00 per contractor's letter dated August 6, 2002 and HAZMAT's letter of approval dated August 21, 2002.	\$3,800
2	7/1/03	Provide two borings as mandated by County HAZMAT. (Unit Price Item)	16,864
		Total change orders to date	\$20,664
		Revised Contract	\$87,380

This project is consistent with a County Administrative Office approved Capital Improvement Program request.

REVIEW BY OTHERS: This item has been approved as to legal form by County Counsel (Jean-Rene Basle, Deputy County Counsel) on June 18, 2003; coordinated with Eli Montoya, Department Contract Compliance Designee on June 19, 2003; and reviewed by the County Administrative Office (Lynn Chacon and Mario Lara, Administrative Analysts) on June 19, 2003.

FINANCIAL IMPACT: This project was originally funded in the amount of \$904,806 (construction - \$725,000; contingencies - \$71,000; testing/project management/inspection - \$108,806) in the 2001-02 Capital Improvement Program with expenditures of \$49,832 resulting in a carryover of \$854,974 to 2002/03. Funding is provided by the general fund.

COST REDUCTION REVIEW: The County Administrative Office has reviewed this agenda item and concurs with the department's proposal and recommends this action based on the necessity to continue the remediation as mandated by County HAZMAT.

SUPERVISORIAL DISTRICT(S): Second.

PRESENTER: G. Daniel Ojeda, Director, A&E, 387-5025
 Gary Penrod, Sheriff, Sheriff's Department, 387-3760

RH: 7-5270
 js: 7-5025